PUBLIC

ERCOT Monthly Operational Overview

(August 2026)

ERCOT Public
September 16, 2026

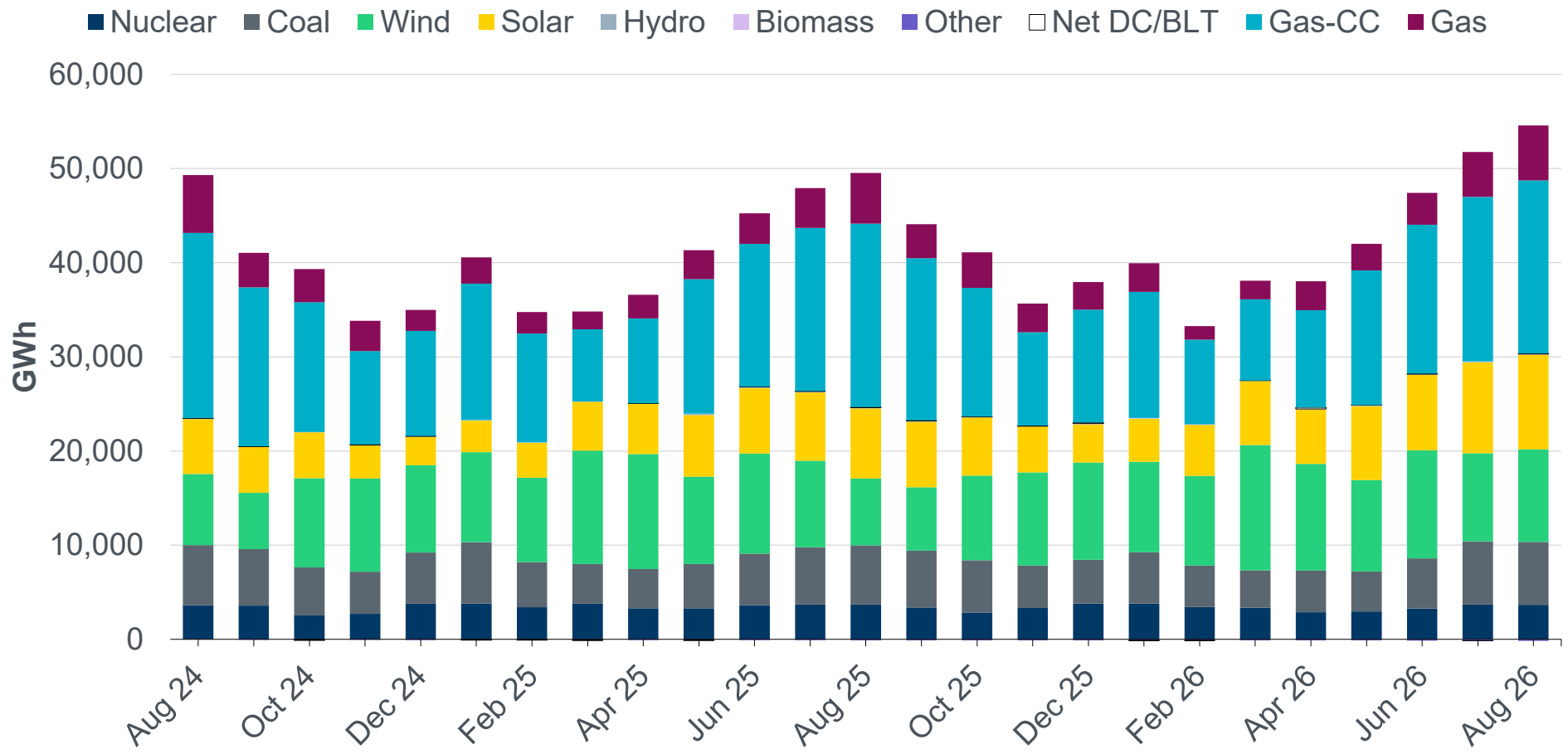
Highlights, Records and Notifications

- ERCOT's maximum peak demand for the month of August was 90,817 MW* at hour ending 18 on 8/24/2026; this is 7,110 MW more than the August 2025 peak demand of 83,707 MW on 8/18/2025.

- ERCOT issued 4 notifications:
  - 1 OCN – On 8/19/26 at 10:00, ERCOT issued an OCN for an extreme hot weather event due to predicted high temperatures in the ERCOT North Central and South Central Regions from 8/20/26 – 8/25/26.
  - 3 DC Tie Curtailment Notices:
    - On 08/01/26 at 01:12 ERCOT curtailed the DC_R (Railroad) DC Tie due to one or more transmission security violations that would be fully or partially resolved by the curtailment of DC Tie Load.
    - On 8/6/26 at 20:11 ERCOT curtailed the DC_R (Railroad) DC Tie due to an outage.
    - On 8/17/26 at 19:10 ERCOT curtailed the DC_E (East) DC Tie due to one or more transmission security violations that would be fully or partially resolved by the curtailment of DC Tie Load.

* Preliminary value from September Demand and Energy 2026 report.

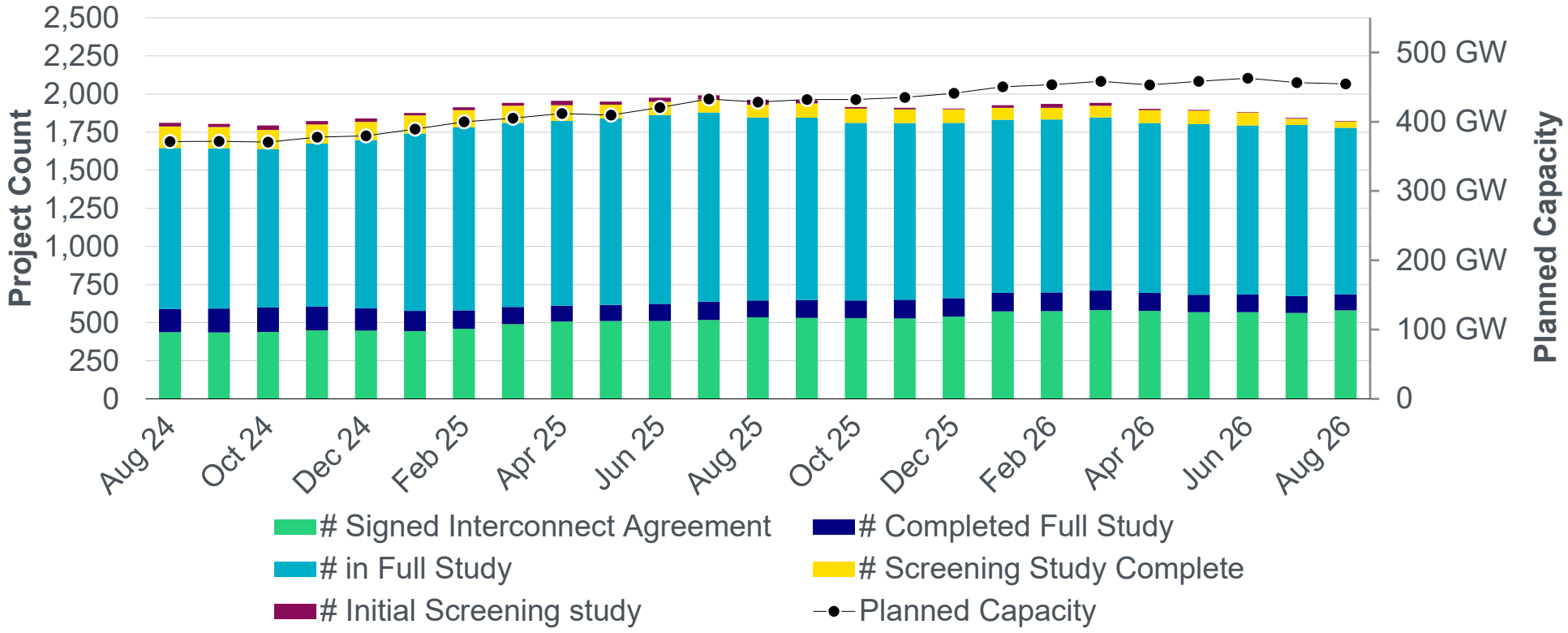
Monthly energy generation increased by 10.1% year-over-year to 54,418 GWh in August 2026, compared to 49,413 GWh in August 2025



Data for latest two months are based on preliminary settlements.

Generation Interconnection activity by project phase

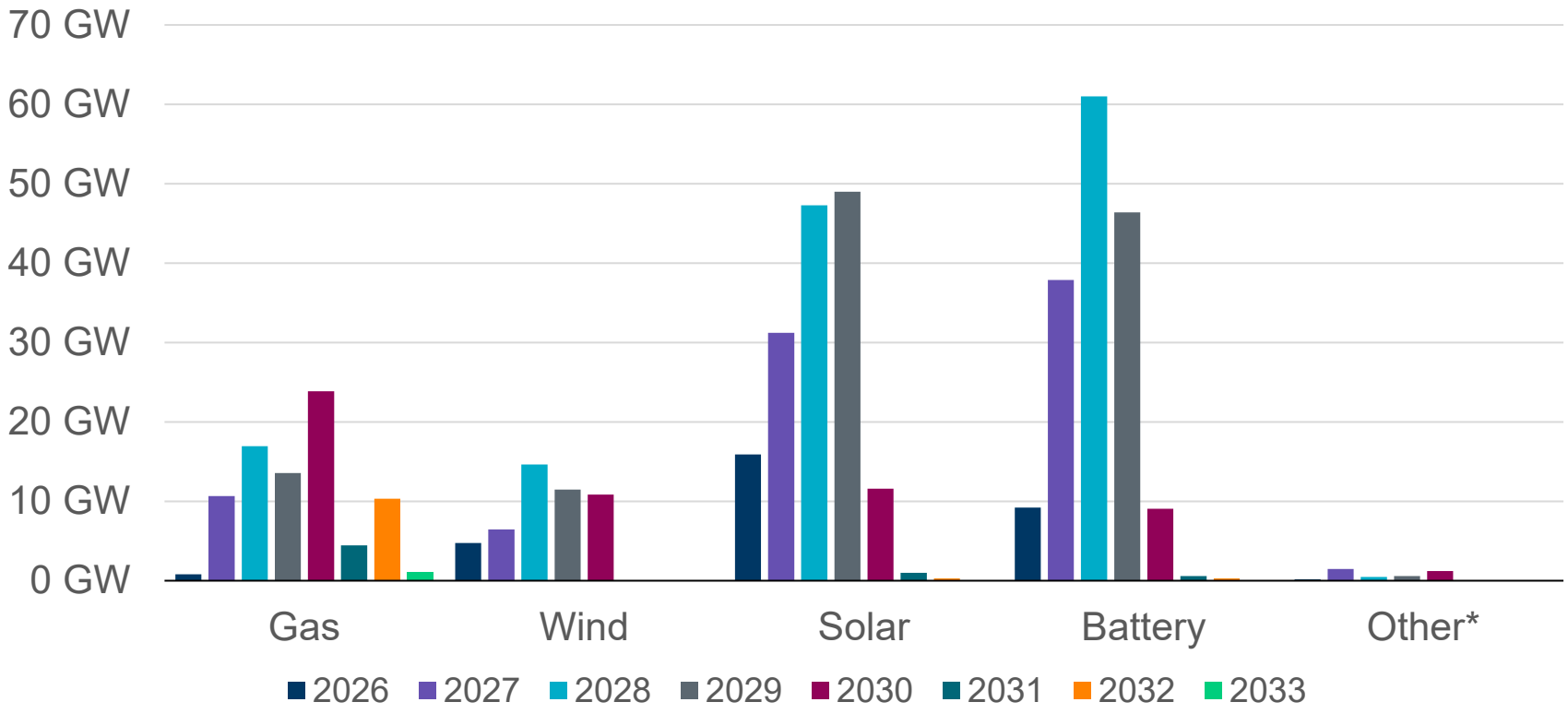
(Excludes capacity associated with projects designated as Inactive per Planning Guide Section 5.2.5)



- There are an additional 32 “Small Generator” projects totaling 281 MW that are going through the simplified interconnection process.
- A break-out by fuel type can be found in the monthly Generator Interconnection Status (GIS) reports available on the ERCOT Resource Adequacy Page: http://www.ercot.com/gridinfo/resource

Interconnection Queue Capacity by Fuel Type

Totals: Solar 156 GW (34.4%), Wind 48 GW (10.6%), Gas 82 GW (18%), Battery 164 GW / 395 GWh (36.2%), Other 4 GW (0.9%)
(Excludes capacity associated with projects designated as Inactive per Planning Guide Section 5.2.5)



A break-out by zone can be found in the monthly Generator Interconnection Status (GIS) reports available on the ERCOT Resource Adequacy Page: http://www.ercot.com/gridinfo/resource

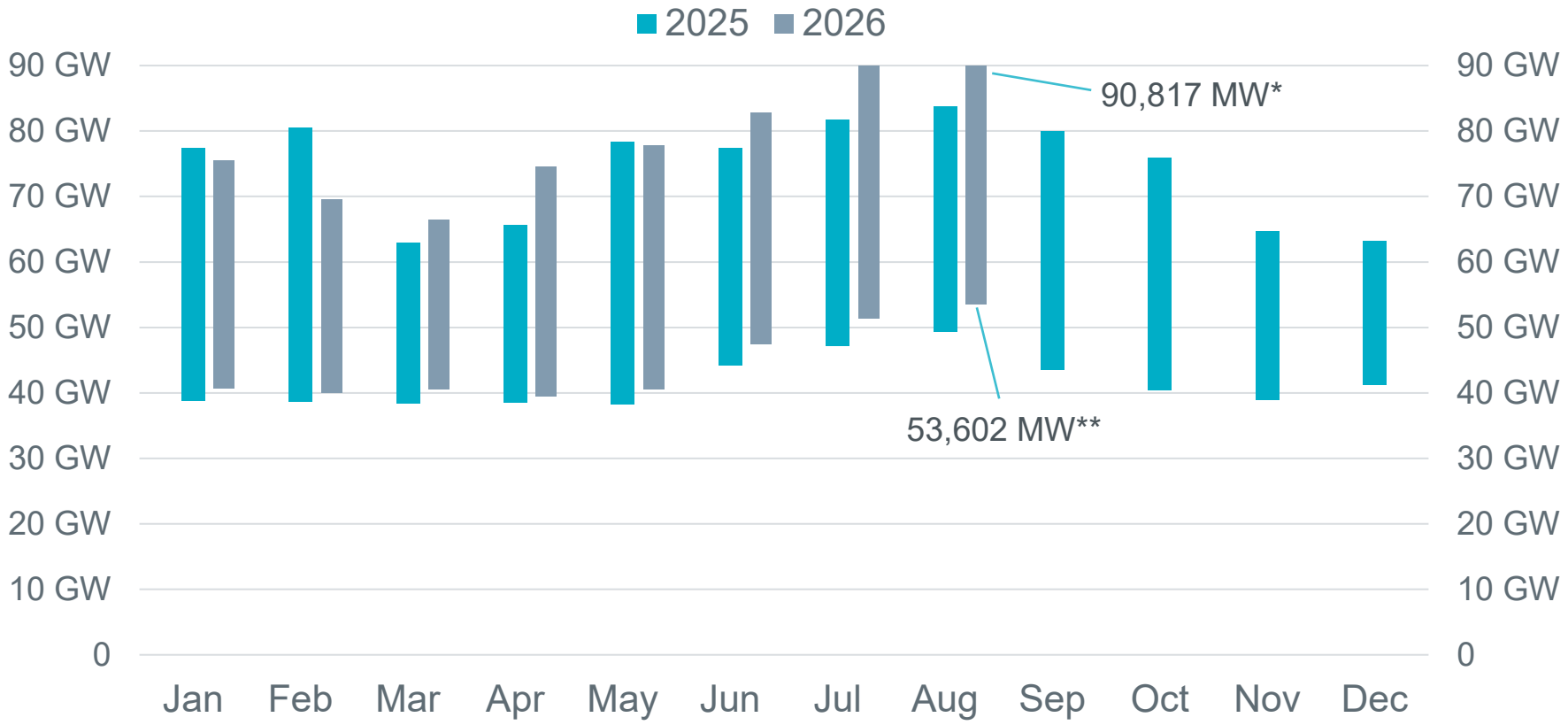
- Other includes petroleum coke (pet coke), hydroelectric, fuel oil, nuclear, geothermal energy, other miscellaneous fuels reported by developers, and fuel cells that use fuels other than natural gas.
- The GWh cited for active planned battery storage projects is an estimate of the aggregate nameplate energy rating based on data provided through Request for Information (RFI) submissions for projects with signed interconnection agreements. Using the RFI data, an average design duration for these projects is calculated and then multiplied by the nameplate capacity for all active projects to derive the total energy rating.

Planning Summary

- ERCOT is tracking 1,890 active generation interconnection requests totaling 454,471 MW as of August 31. This includes 156,289 MW of solar, 48,131 MW of wind, 164,417 MW of battery, and 81,704 MW of gas projects; 168 projects were categorized as inactive, up from 165 in July.
- ERCOT is currently reviewing proposed transmission improvements with a total estimated cost of $22.802 billion as of August 31, 2026.
- Transmission Projects endorsed in 2026 total $12.266 billion as of August 31, 2026.
- All projects (in engineering, routing, licensing and construction) total approximately $55.536 billion as of July 17, 2026.
- Transmission Projects energized in 2026 total approximately $595.737 million as of July 17, 2026.
- Transmission Projects planned to energize during the remainder of 2026 total approximately $6.526 billion as of July 17, 2026.

PUBLIC

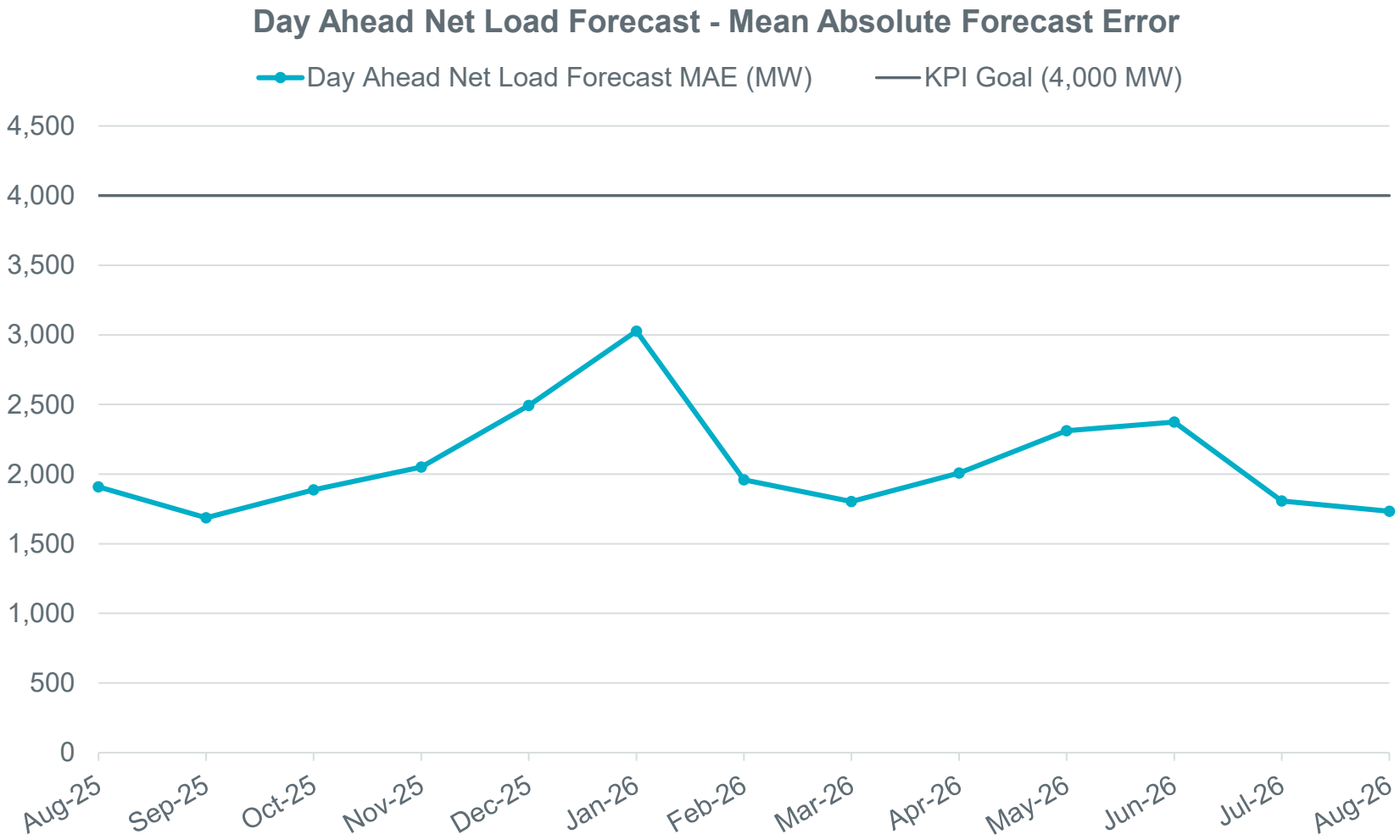
ERCOT set a new record of 90,817 MW* for the month of August on 8/24/2026; This is 7,110 MW more than the August 2025 demand of 83,707 MW on 8/18/2025.



*Based on the maximum net system hourly value from the August 2026 Demand and Energy report.
**Based on the minimum net system 15-minute interval value from the August 2026 Demand and Energy report.
Data for latest two months are based on preliminary settlements.

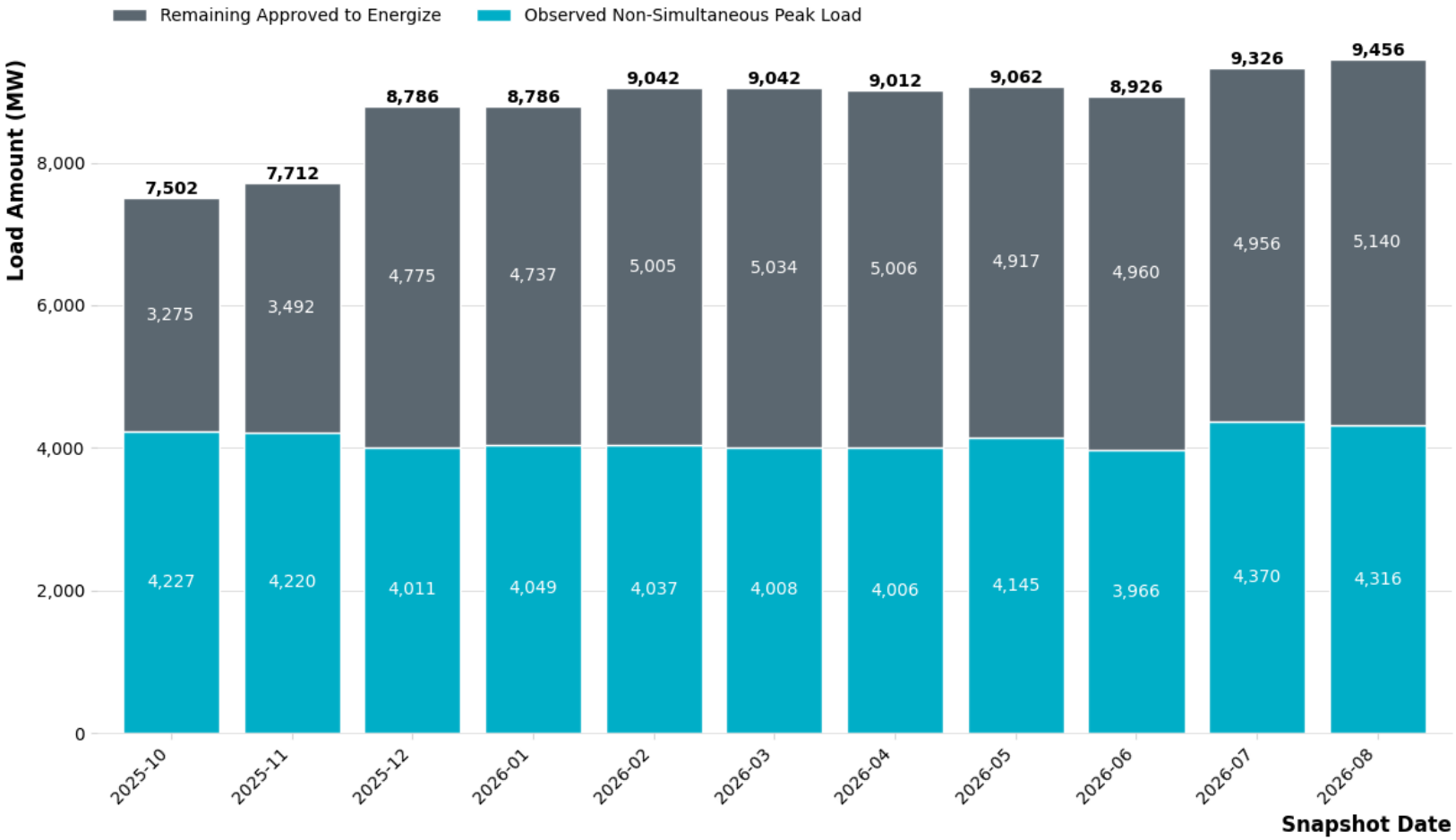
PUBLIC

Net Load Forecast Performance



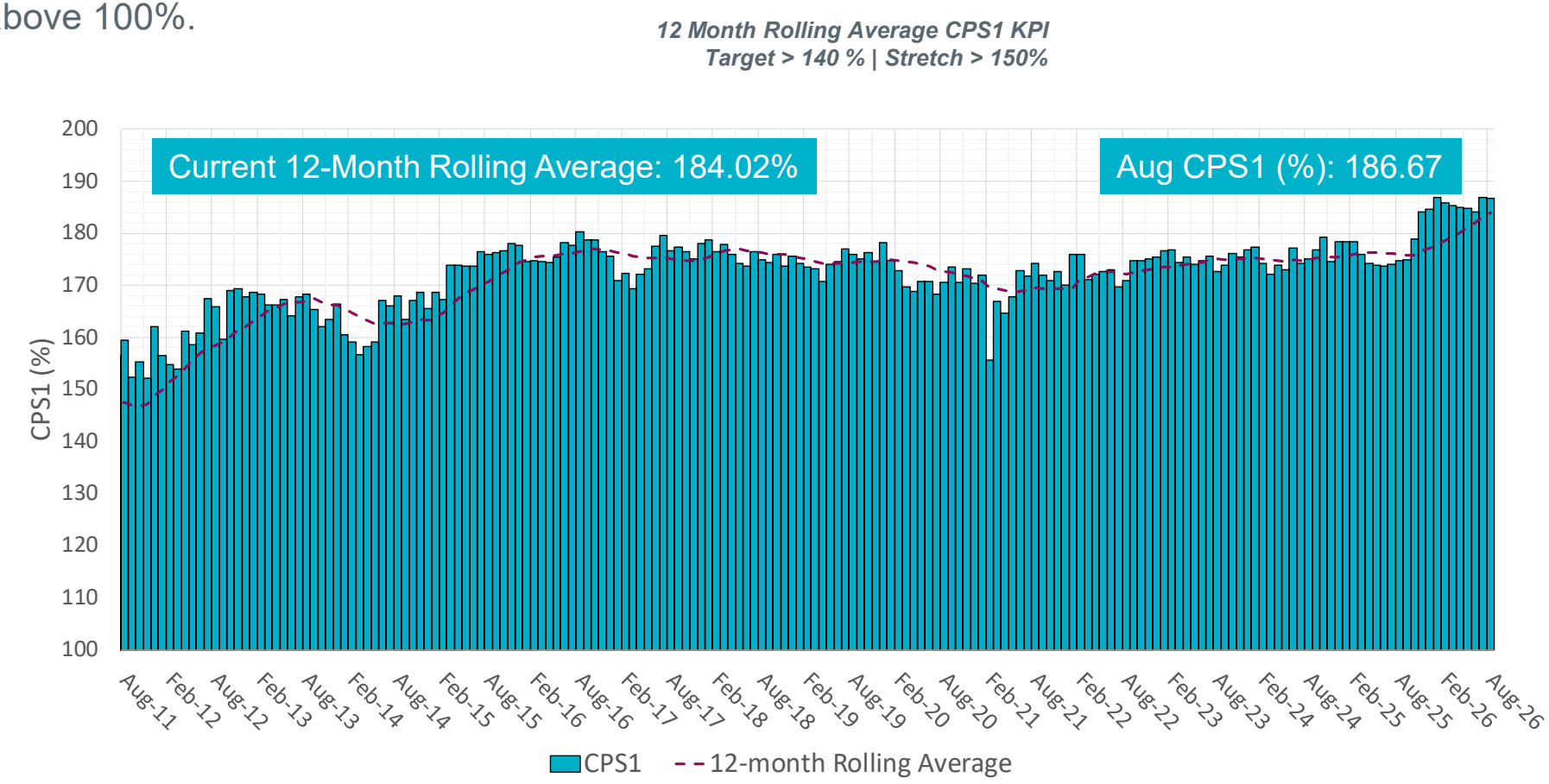
Loads Approved to Energize - Observations

- Of the 9,456 MW that have received Approval to Energize, ERCOT has observed a non-simultaneous monthly peak consumption of 4,316 MW in August 2026, which is a slight decrease since July 2026.
  - This is calculated as the sum of the maximum value for each individual load per month.
  - This value represents how much approved load ERCOT believes is now operational.



Frequency Control

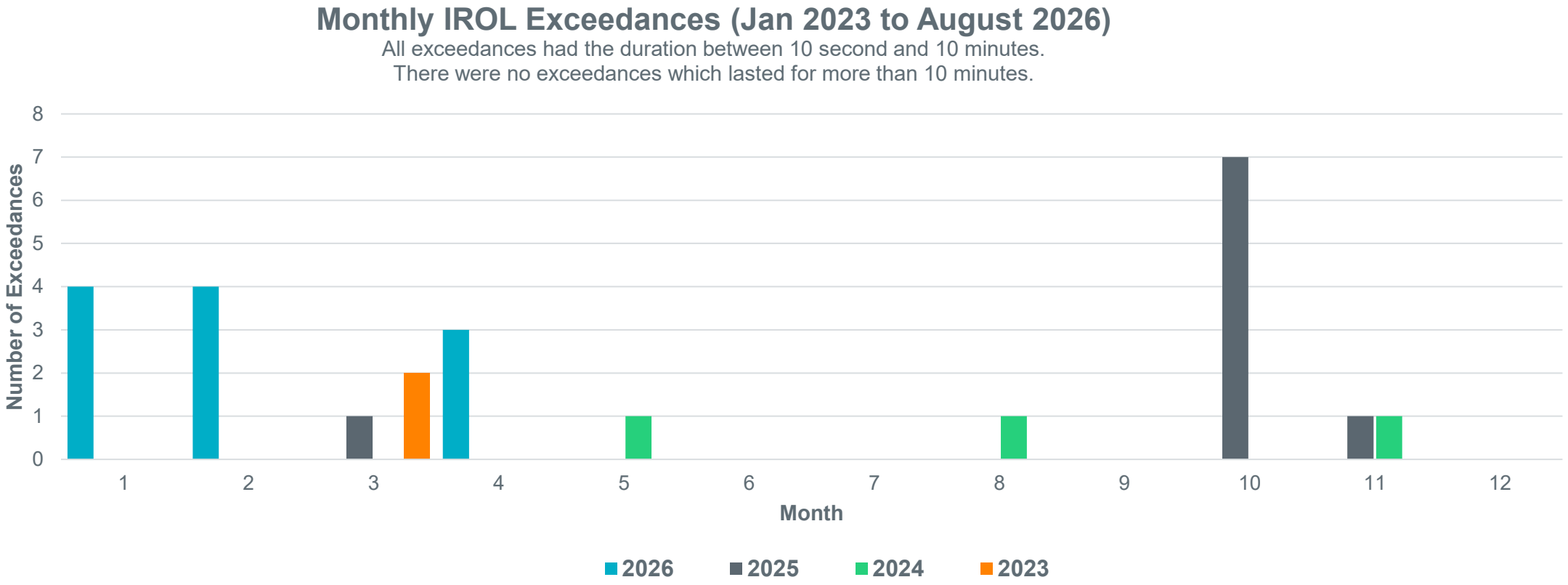
- Control Performance Standard 1 (CPS-1) is a measure of the frequency control on a power system, pursuant to NERC Standard BAL-001. The 12-month rolling-average of this measure is required to stay above 100%.



Key Takeaway(s): Frequency control has been performing extremely well

Transmission Limit Control

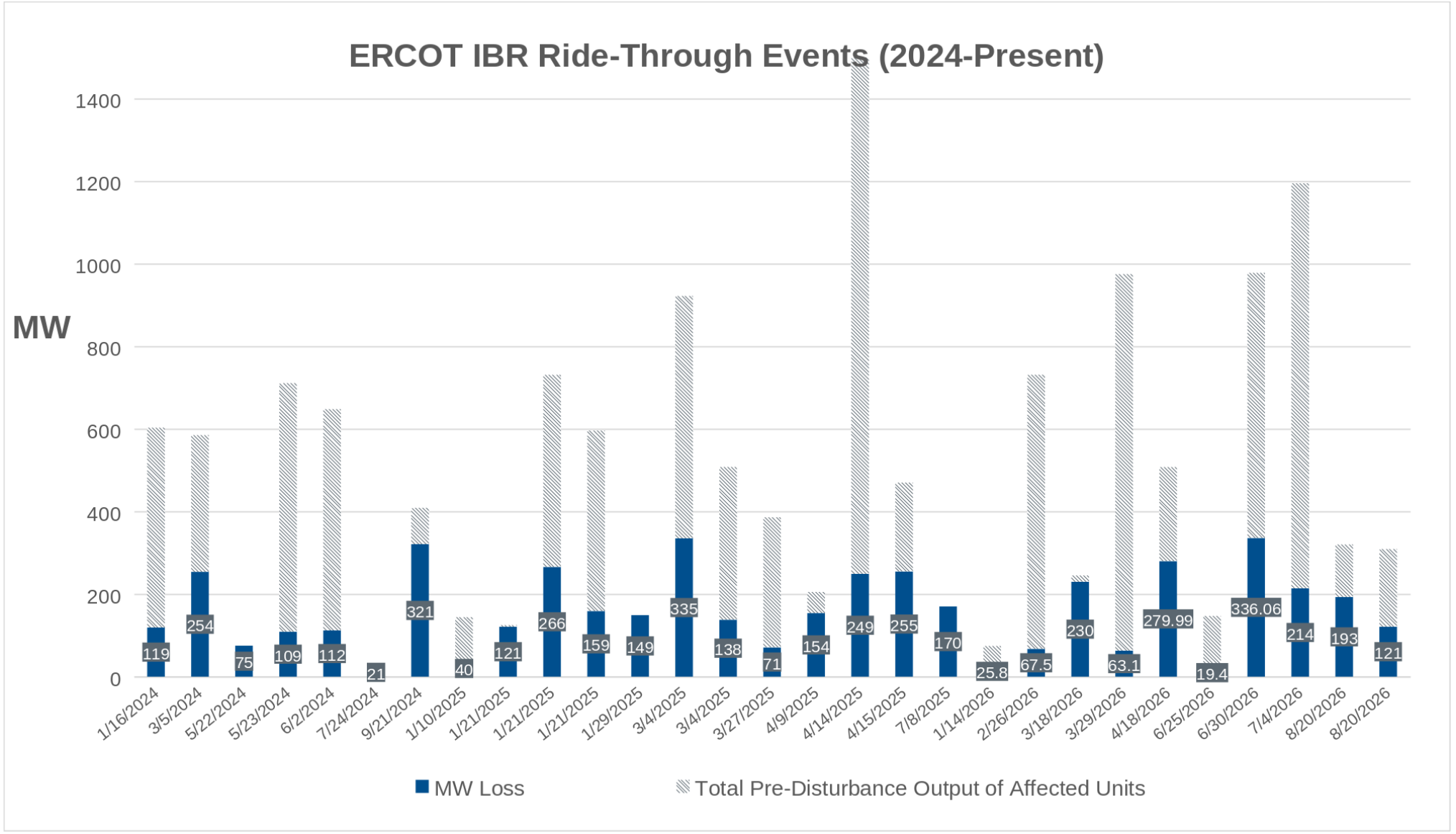
The most-recent Interconnection Reliability Operating Limit (IROL) exceedance occurred in April 2026.



Key Takeaway: In August, ERCOT had 0 IROL exceedances occur.

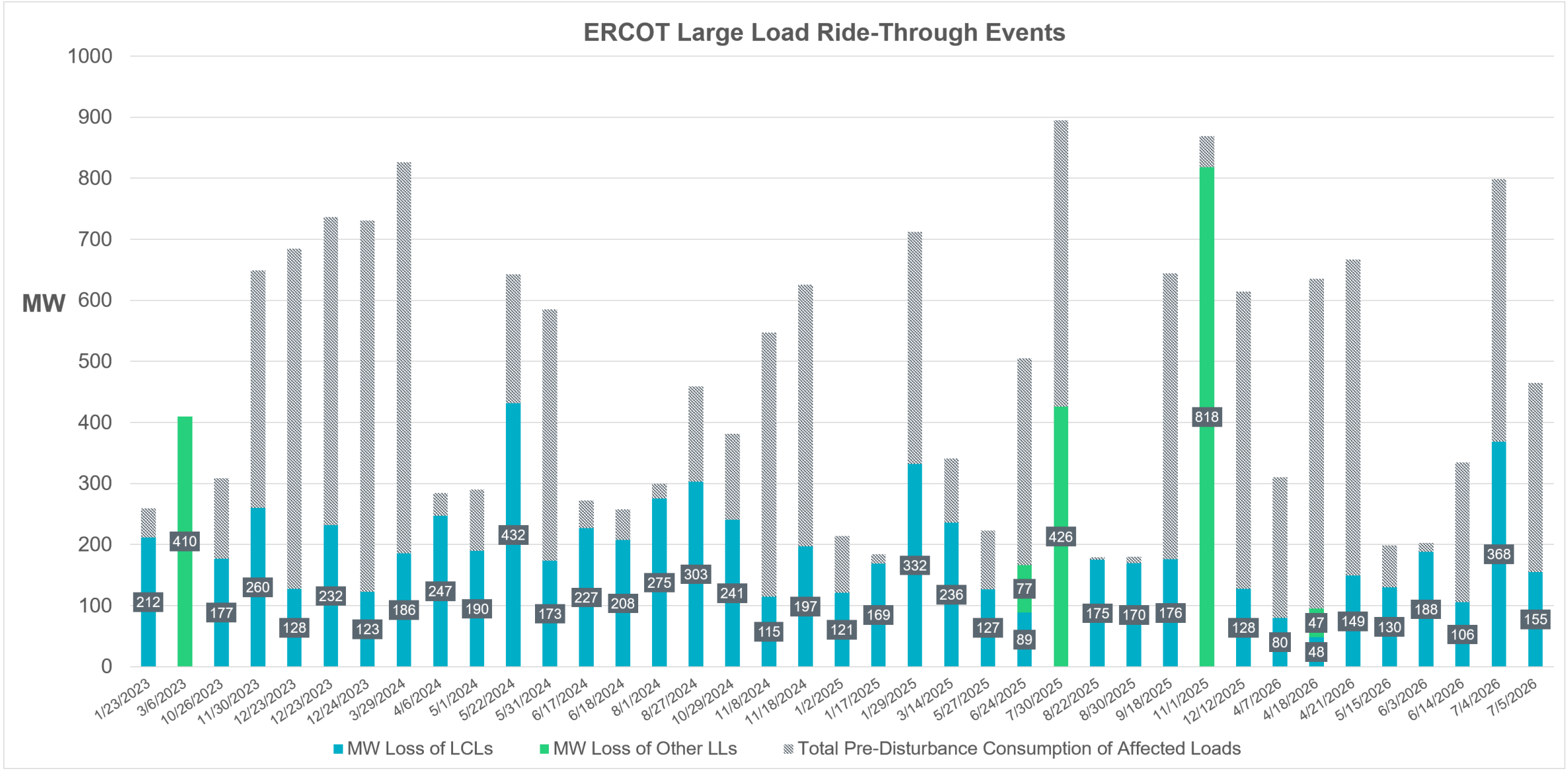
PUBLIC

IBR Ride-Through Events



PUBLIC

Large Load Ride-Through Events



2026 Year-to-Date (YTD) Event Analysis Summary

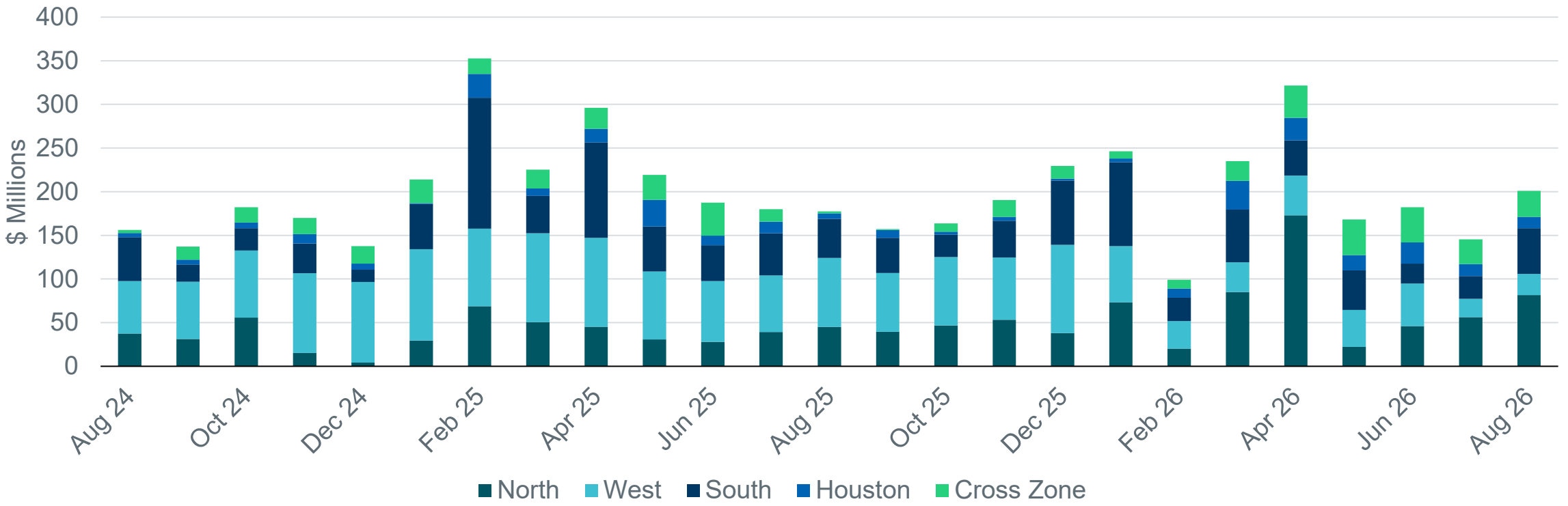
Event Type	Number of Events (All 2026)	Number of Events (August 2026)
NERC Reportable by ERCOT*	1	0
Inverter Based Resource (IBR) Ride-Through Events	10	2
Large Load Ride-Through Events	8	0
Large Load Oscillation Events	1	1
IBR Oscillation Events	24	1
IBR Large MW Change Events (no fault associated)	37	2
Miscellaneous (transmission or telemetry event)	11	0

Key Takeaway: The Event Analysis team investigates each event to keep the system reliable and prevent reoccurring issues.

*Meeting the criteria for NERC's Electric Reliability Organization Event Analysis Process and requiring ERCOT to submit a report.

PUBLIC

Real-Time congestion rent totals increased 38% in August from July 2026



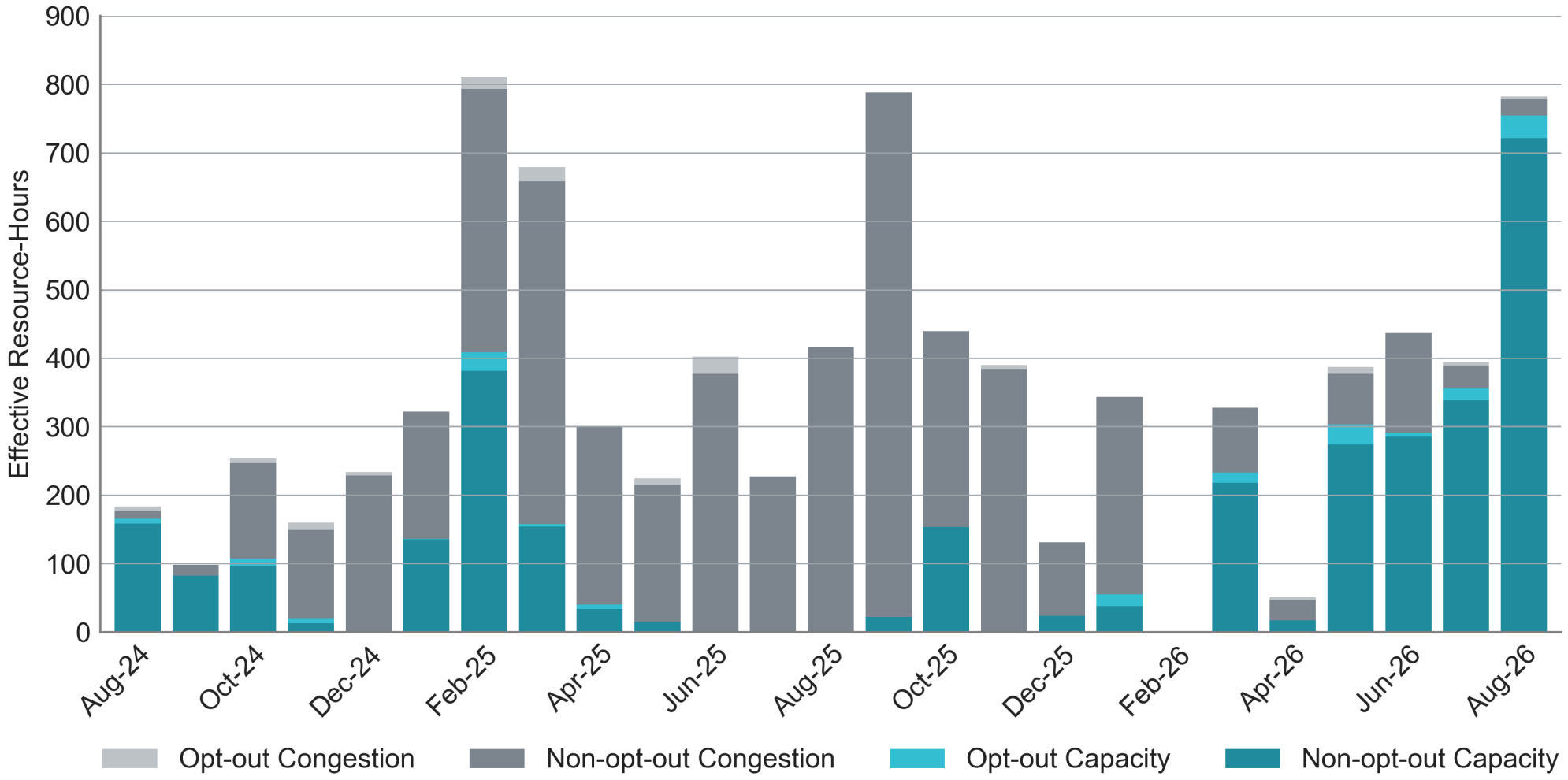
Total Real-Time congestion rent increased in August, with the highest congestion rent in the North and South Zones

- The constraint representing the loss of the 345 kV line from Fort Smith Switch to Venus Switch (overloading the 345 kV line from Venus Switch to Sam Switch) primarily drove congestion rent in the **North Zone**.
- The constraint representing the loss of the 138 kV line double circuit from Round Rock to Hutto (overloading the 138 kV line from Wells Branch to Howard Lane) primarily drove congestion rent in the **South Zone**.

Notes:
1) Congestion rent is determined using the shadow prices and MW flows for individual constraints in SCED as well as the length in time of SCED intervals.
2) The "Cross Zone" category consists of cases in which the substations on either end of the constraint are in different zones.

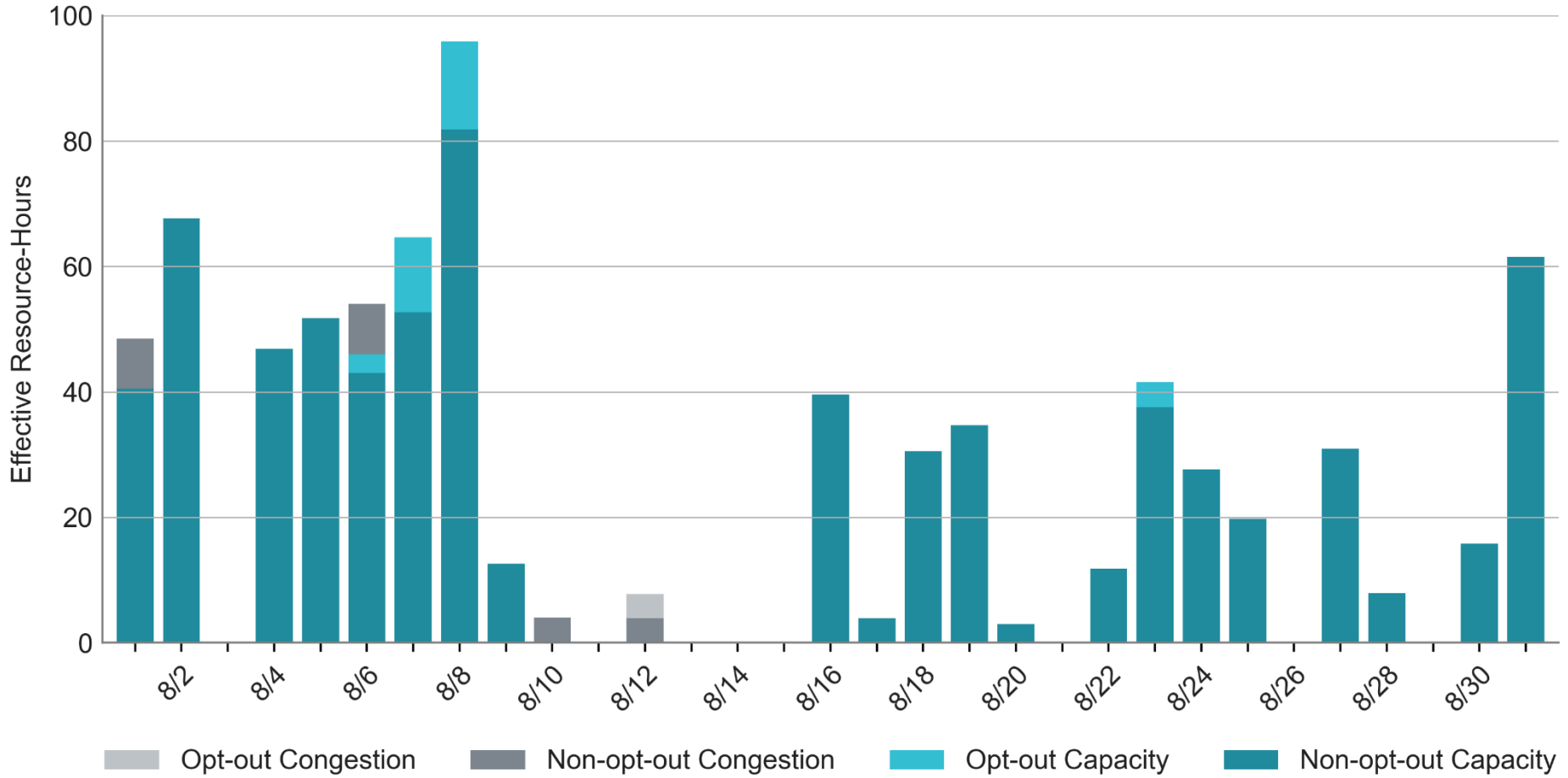
PUBLIC

RUC Activity nearly doubled in August 2026 compared to July



Notes: 1) “Effective Resource-Hours” excludes any period during a Reliability Unit Commitment hour when the RUC-committed Resource was starting up, shutting down, off-line, or otherwise not available for dispatch by SCED.

Like the preceding months, most RUC instructions (96%) in August were committed to address capacity needs, primarily to ensure sufficient Ancillary Services



There were 782.1 RUC total effective Resource-hours in August. 754.3 (96%) were committed to address capacity concerns and 27.8 hours (4%) were committed to alleviate congestion.

ercot

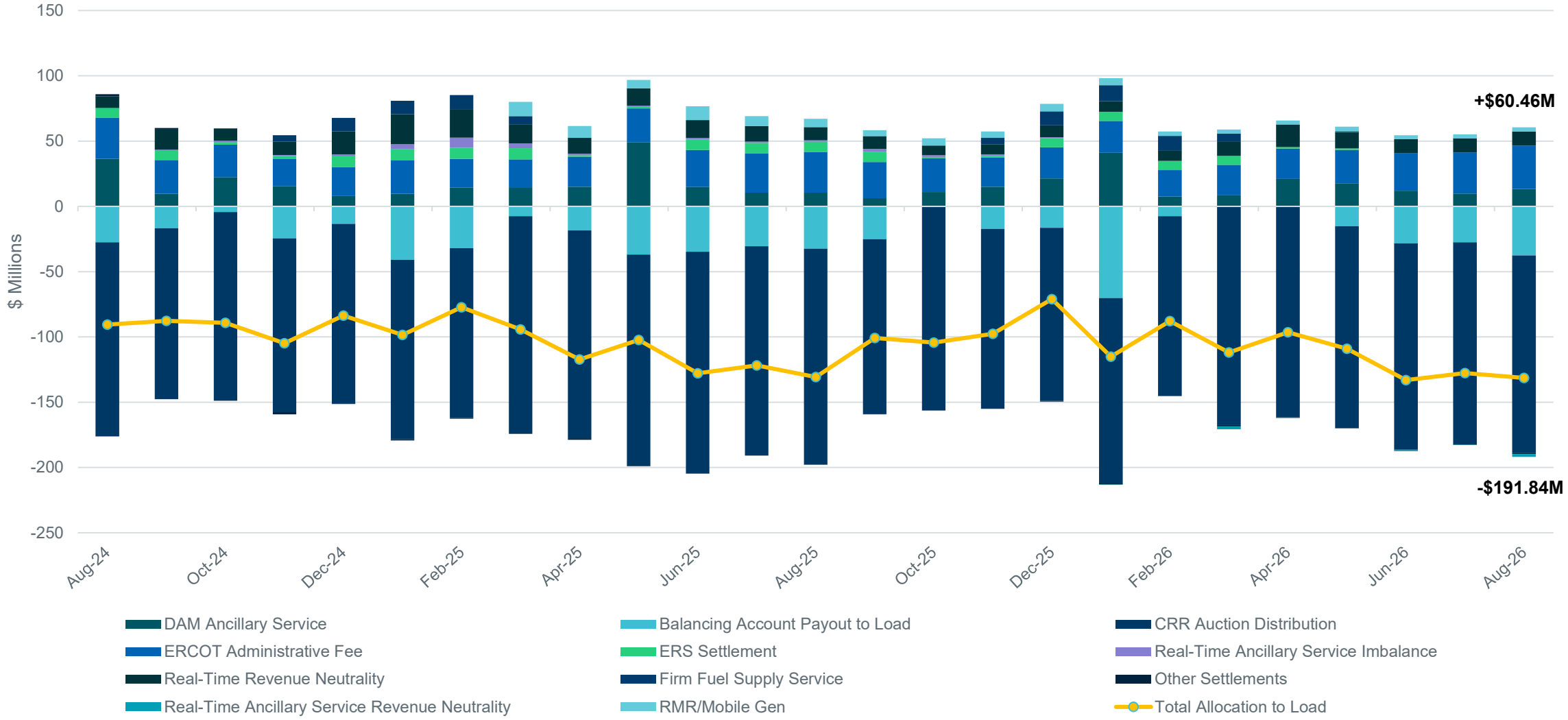
PUBLIC

Twenty-Eight Resources were committed in August, primarily to manage capacity

Resource #	Effective Resource-hours	For Capacity		For Congestion	
		Opt-Out	Non-Opt-Out	Opt-Out	Non-Opt-Out
1	110.9	0.0	110.9	0.0	0.0
2	110.9	0.0	110.9	0.0	0.0
3	61.6	0.0	61.6	0.0	0.0
4	55.9	0.0	55.9	0.0	0.0
5	54.0	0.0	54.0	0.0	0.0
6	53.7	0.0	53.7	0.0	0.0
7	46.9	0.0	46.9	0.0	0.0
8	41.9	0.0	41.9	0.0	0.0
9	36.3	3.9	32.4	0.0	0.0
10	31.0	0.0	23.0	0.0	8.0
11	22.3	0.0	14.4	0.0	7.9
12	18.0	9.0	9.0	0.0	0.0
13	17.0	17.0	0.0	0.0	0.0
14	17.0	0.0	17.0	0.0	0.0
15	16.0	0.0	16.0	0.0	0.0
16	16.0	0.0	16.0	0.0	0.0
17	16.0	0.0	16.0	0.0	0.0
18	10.8	0.0	7.0	3.8	0.0
19	9.0	0.0	9.0	0.0	0.0
20	8.0	0.0	0.0	0.0	8.0
21	6.0	0.0	6.0	0.0	0.0
22	6.0	0.0	6.0	0.0	0.0
23	5.9	0.0	5.9	0.0	0.0
24	4.0	0.0	4.0	0.0	0.0
25	3.0	3.0	0.0	0.0	0.0
26	2.0	0.0	2.0	0.0	0.0
27	1.0	0.0	1.0	0.0	0.0
28	0.8	0.0	0.8	0.0	0.0
Total	**782.1**	**32.9**	**721.4**	**3.8**	**23.9**

PUBLIC

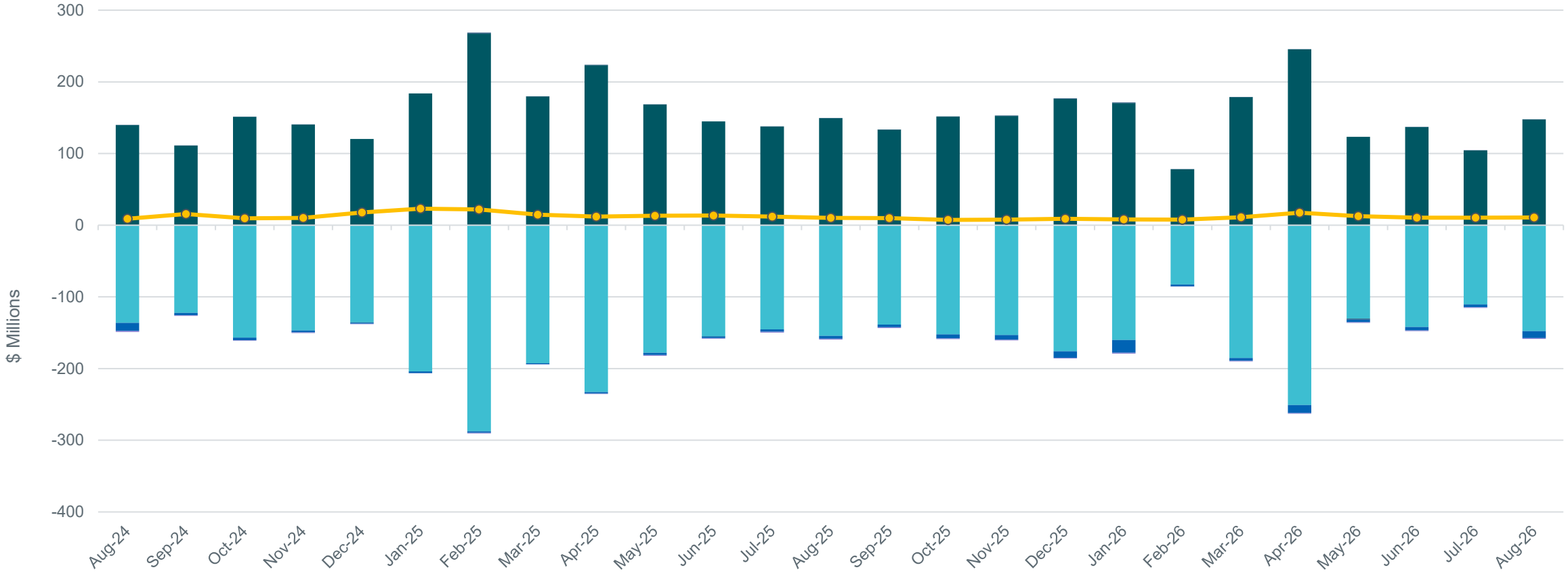
Net Allocation to Load in August 2026 was ($131.38) Million



This information is available in tabular form in the Settlement Stability Report presented quarterly to the Wholesale Market Subcommittee

PUBLIC

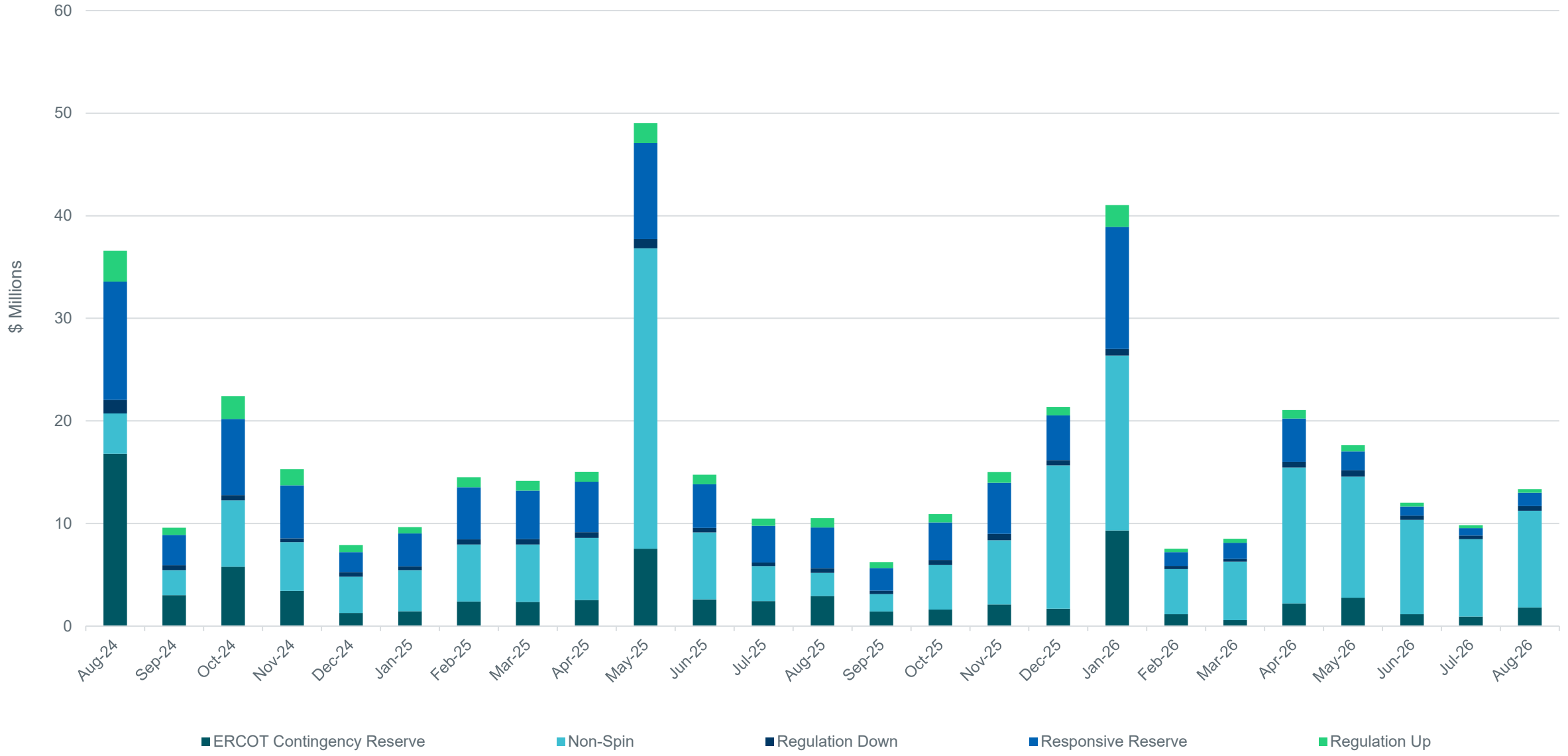
Real-Time Revenue Neutrality Allocated to Load was $10.70M for August 2026



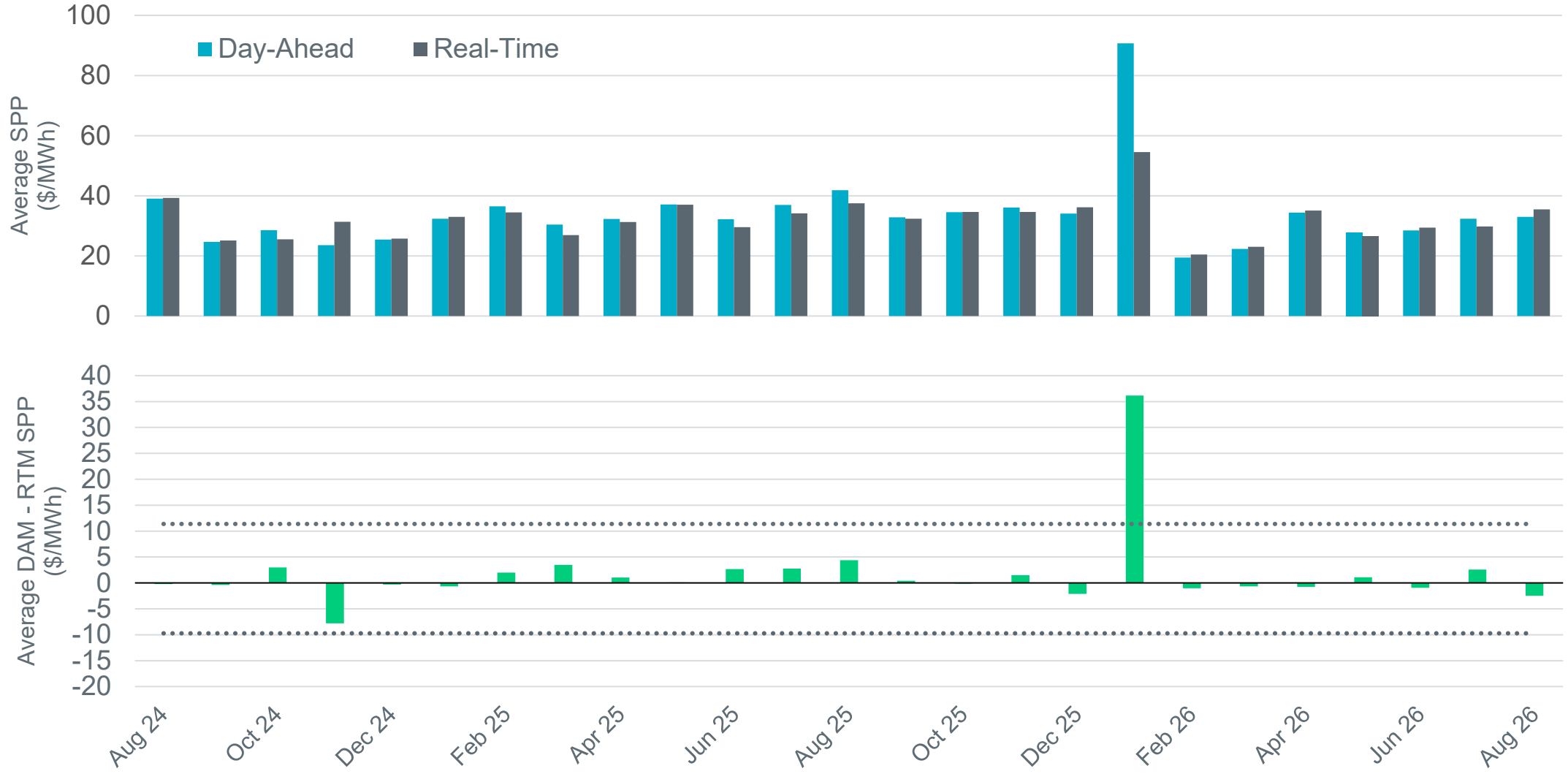
	August 2026 ($M)
Real-Time Energy Imbalance	$147.47
Real-Time Point-to-Point Obligation	($147.80)
Real-Time Congestion from Self-Schedules	$0.48
DC Tie & Block Load Transfer	($9.63)
Real-Time Energy for SODG and SOTG	($1.23)
Load Allocated Revenue Neutrality	**$10.70**

PUBLIC

DAM Ancillary Services for August 2026 totaled $13.36M



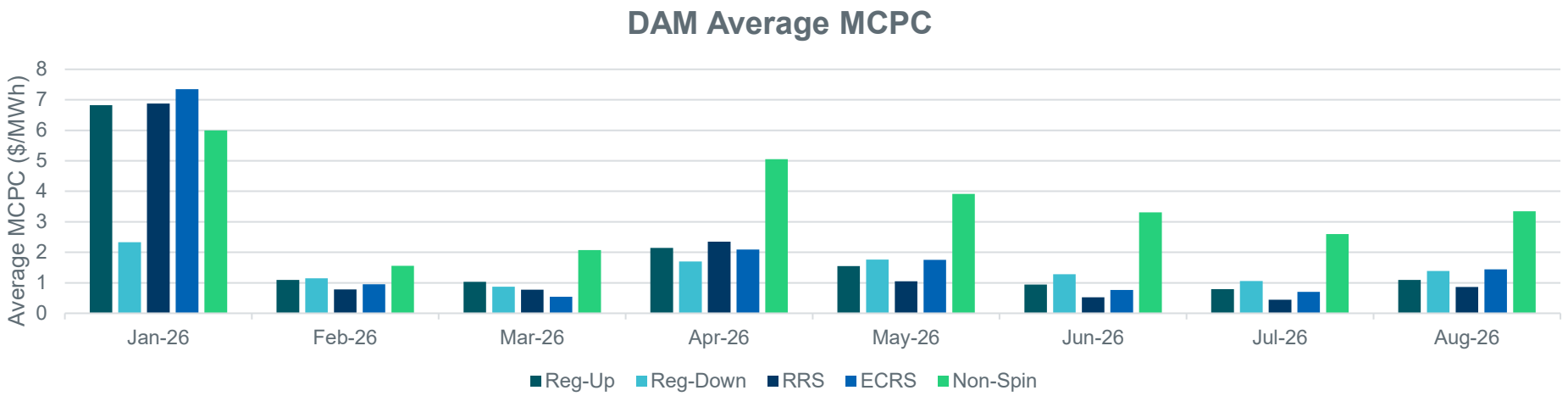
Real-time prices exceeded day-ahead prices in August by $2.48/MWh, on average

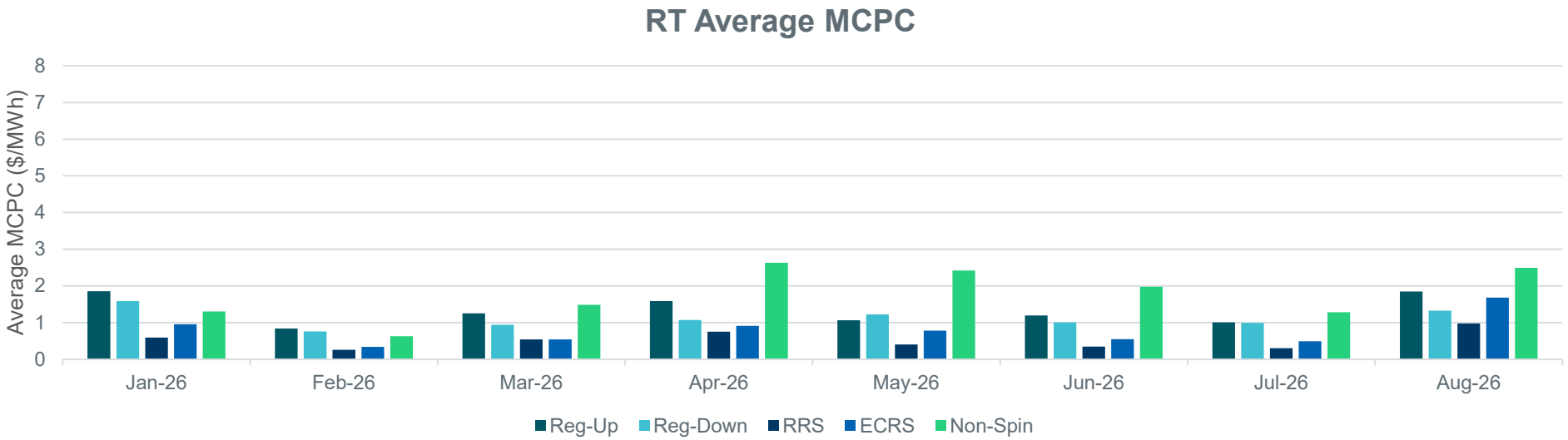


Notes:
1) The dotted lines represent the bounds for major outliers .
2) Averages are weighted by Real-Time Market Load.

PUBLIC

Day-ahead and real-time Ancillary Service prices were higher in August compared to July





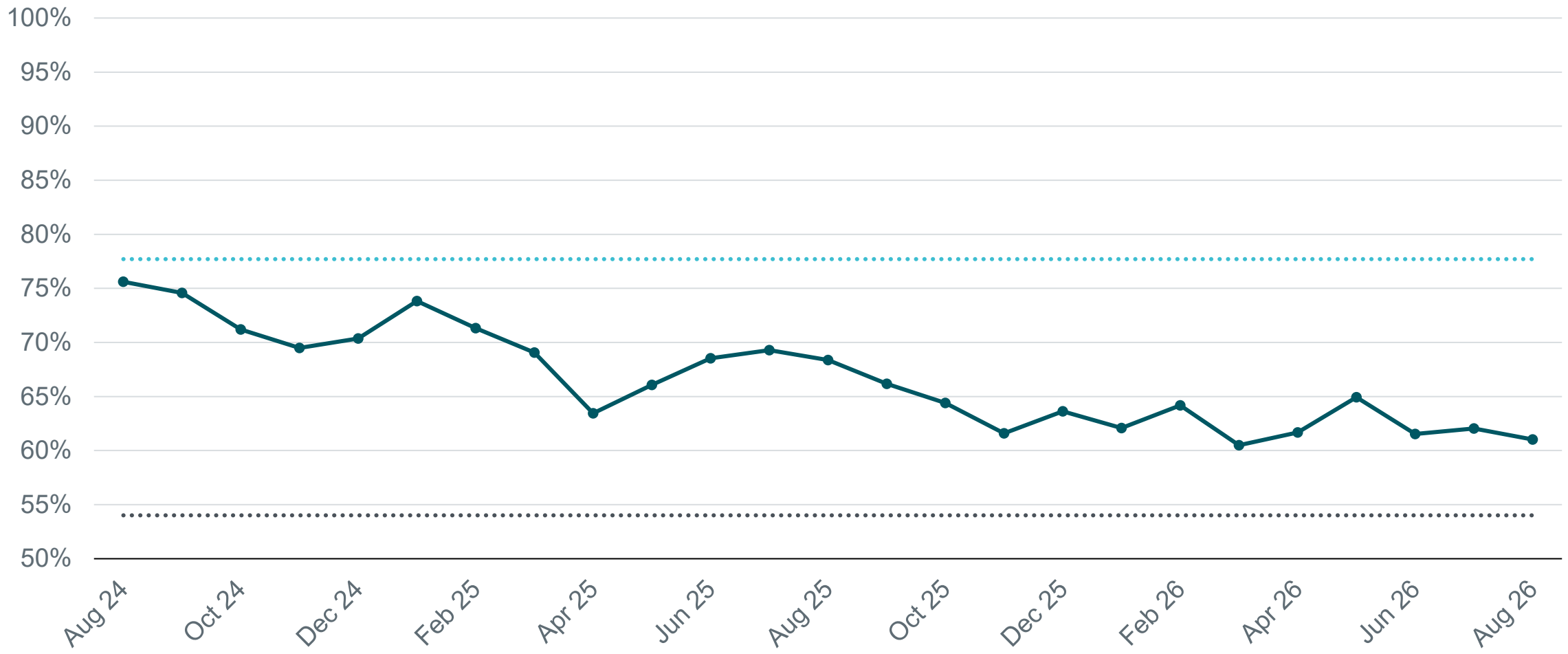
Notes:

1) Starting with the introduction of the RTC+B program in December 2025, there are now MCPCs for all Ancillary Services in the Real-Time Market (RTM). The table compares RTM MCPCs to DAM MCPCs.

2) Monthly MCPCs are calculated as energy- and time-weighted average values, using the total AS awards of each interval for each AS type.

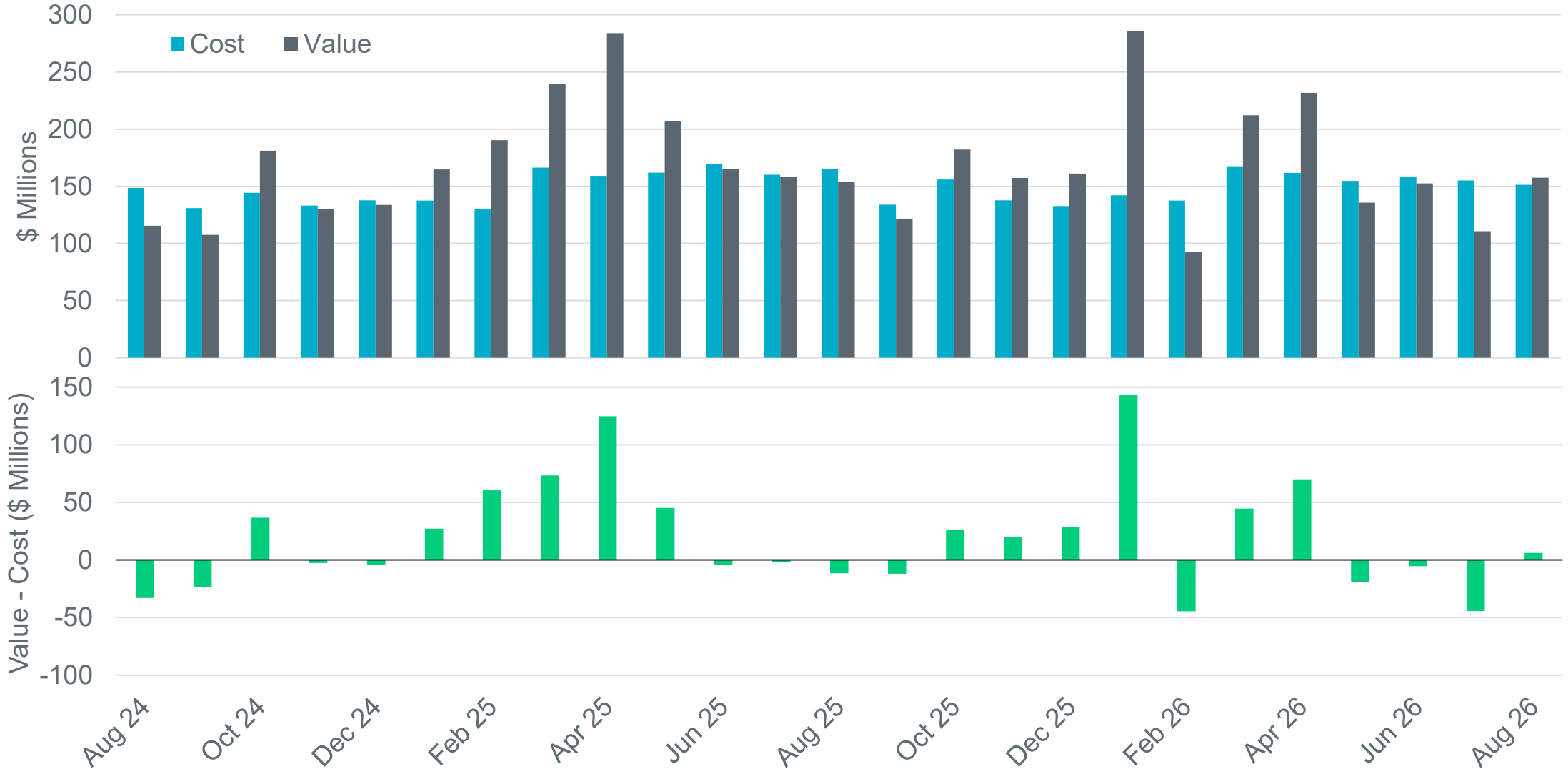
PUBLIC

The percentage of real-time load transacted in the Day-Ahead Market is relatively flat since November 2025 and lower than in the previous two years



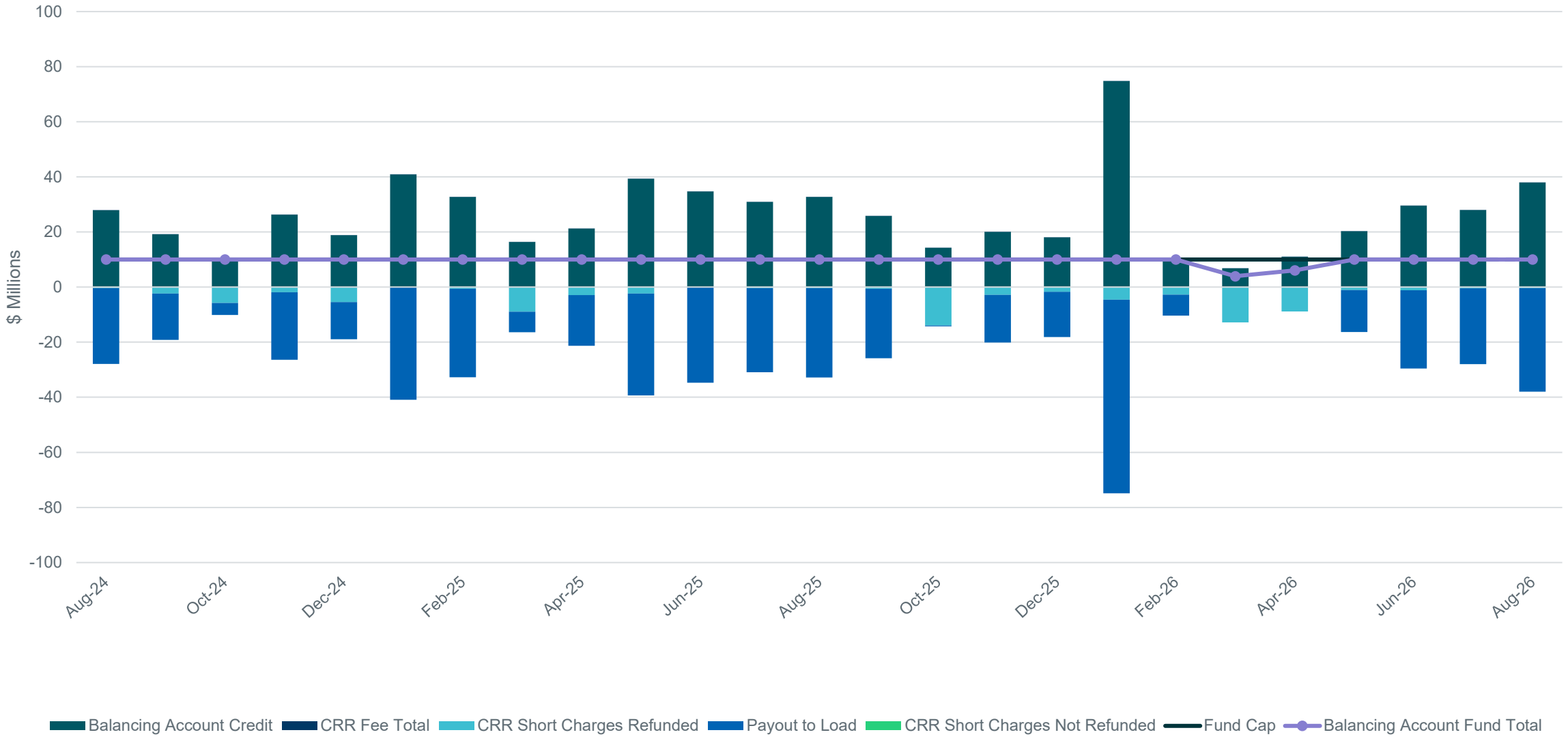
*The dotted lines represent the bounds for major outliers

The net value of Congestion Revenue Rights (CRRs) was ~$6M in August



PUBLIC

The CRR Balancing Account was fully-funded and excess amounts were allocated to Load



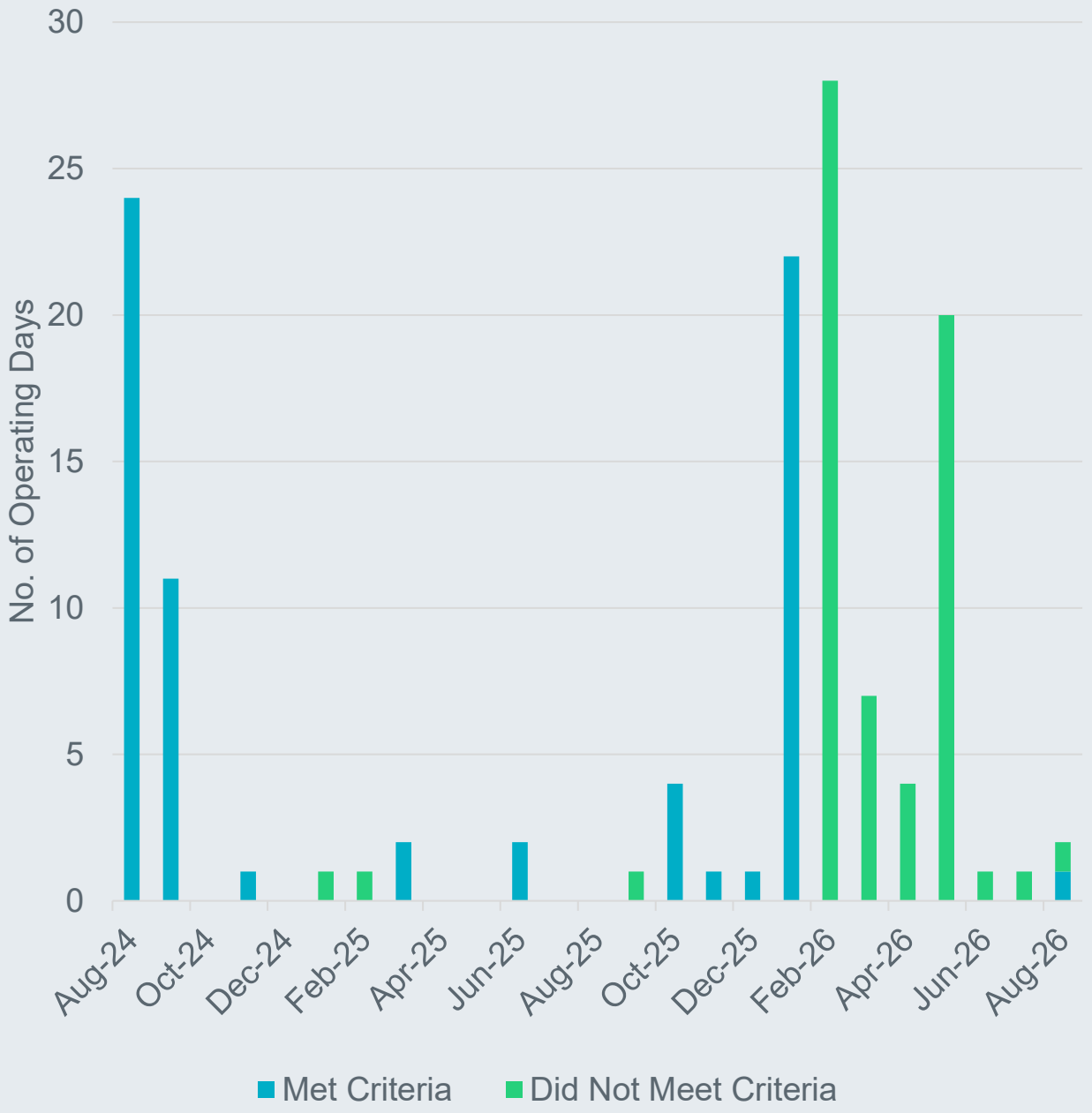
ercot

PUBLIC

Price Issues and the Impact of Nodal Protocol Revision Request (NPRR) 1024 on Price Corrections

This graph looks at the recent history of price issues in the RTM or DAM and breaks the impacted Operating Days into two categories:

- Days that met the criteria for “significance” under NPRR1024 and were corrected
- Days that were not corrected because they did not meet the criteria for “significance” under NPRR1024



ERCOT identified one pricing incident, but it did not meet the criteria to correct prices

Met Criteria

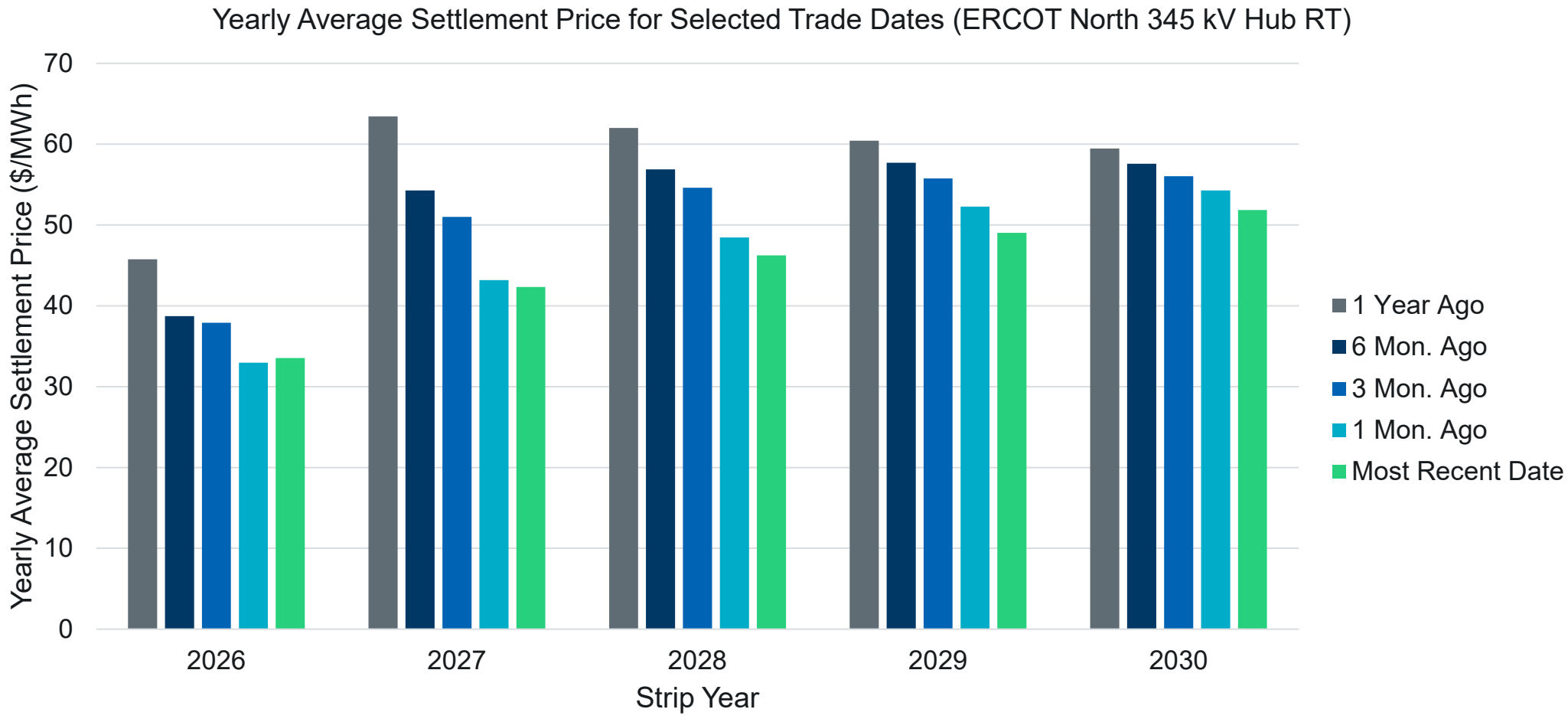
On Operating Day August 30, 2026, a database issue delayed shift factor data for use by Security Constrained Economic Dispatch (SCED). As a result, SCED used stale constraint data for intervals 09:05 - 09:15 AM, and 09:25 AM. ERCOT performed an impact analysis and found that the affected intervals met the significance criteria for pursuing a price correction. ERCOT corrected prices for OD August 30 before the deadline of 4:00 PM on September 1, 2026.

Did Not Meet Criteria

On Operating Day August 11, 2026, ERCOT performed a scheduled site failover and activated Emergency Basepoints. ERCOT's analysis showed an estimated absolute total dollar impact of $83.42 for changes to Real-Time prices for energy metered. This impact did not meet the significance criteria of $500 and so ERCOT did not correct prices.

PUBLIC

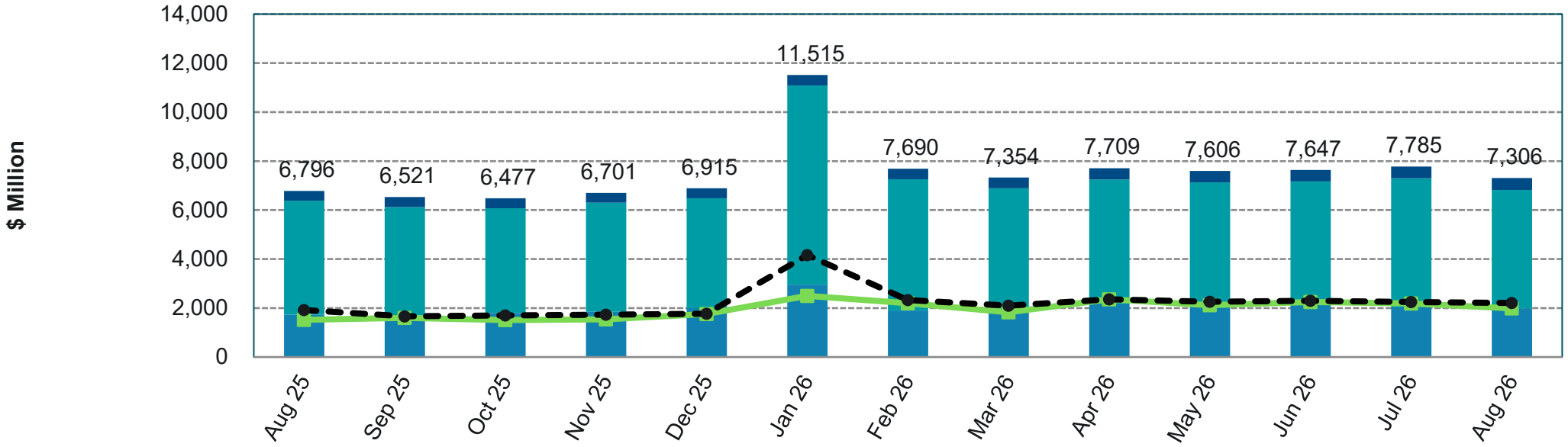
Longer-Term Forward Price Trends



Over the past six months, the yearly average forward prices show an increasing trend towards 2030. However, current yearly prices are trading consistently lower than they have been over the last year.

*Strip year is an average of monthly ICE On-peak prices. The most recent data was captured on 9/4/2026.

Available Credit by Type Compared to Total Potential Exposure (TPE)



	31-Aug-2025	30-Sep-2025	31-Oct-2025	30-Nov-2025	31-Dec-2025	31-Jan-2026	28-Feb-2026	31-Mar-2026	30-Apr-2026	31-May-2026	30-Jun-2026	31-Jul-2026	31-Aug-2026
Total Collateral	6,796	6,521	6,477	6,701	6,915	11,515	7,690	7,354	7,709	7,606	7,647	7,785	7,306
Surety Bonds	392	412	402	402	402	432	432	433	463	464	474	482	487
Letters of Credit	4,655	4,424	4,280	4,452	4,487	8,131	5,358	5,044	5,062	5,022	4,991	5,272	4,829
Cash	1,728	1,695	1,795	1,847	1,997	2,952	1,900	1,847	2,183	2,110	2,174	2,026	1,990
TPE	1,516	1,597	1,508	1,534	1,763	2,497	2,197	1,832	2,353	2,113	2,248	2,191	1,985
Max TPE	1,917	1,662	1,698	1,723	1,765	4,162	2,330	2,097	2,353	2,251	2,294	2,245	2,209

*Numbers are as of month end except for Max TPE

Retail Transaction Volumes – Summary – August 2026

	Year-To-Date		Transactions Received	
Transaction Type	August 2026	August 2025	August 2026	August 2025
Switches	1,017,481	1,003,191	157,158	150,960
Acquisitions	0	0	0	0
Move - Ins	1,976,759	2,016,972	264,690	291,138
Move - Outs	960,408	978,609	125,365	126,196
Continuous Service Agreements (CSA)	444,585	592,025	43,086	252,301
Mass Transitions	0	0	0	0
Total	4,399,233	4,590,797	590,299	820,595